

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-11. (Canceled).

12. (New) A method for adjusting at least one parameter of at least one image sensor of an image sensor system, the image sensor system including at least two image sensors which record essentially the same scene, the method comprising:

when at least one error of at least one error type occurs in at least one of the image sensors, adjusting at least one parameter of the at least one image sensor as a function of at least one measured value of at least one further of the image sensors of the image sensor system.

13. (New) The method according to claim 12, wherein the image sensor system is in a motor vehicle.

14. (New) The method according to claim 12, wherein the at least one parameter is at least one lighting parameter, including at least one of a gain, an offset and an integration time.

15. (New) The method according to claim 12, wherein the at least one measured value is a measure of a lighting of at least one part of an image of the at least one further image sensor.

16. (New) The method according to claim 12, wherein the at least one error type includes at least one of (a) at least one image error and (b) at least one hardware error.

17. (New) A device for adjusting at least one parameter of at least one image sensor of an image sensor system, the image sensor system including at least two image sensors which record essentially the same scene, the device comprising:

a processing unit for adjusting at least one parameter of at least one of the image sensors as a function of at least one measured value of at least one further of the image sensors of the image sensor system in the event of an occurrence of at least one error of at least one error type in the at least one image sensor.

18. (New) The device according to claim 17, wherein the image sensor system is in a motor vehicle.

19. (New) The device according to claim 17, wherein the processing unit adjusts at least one lighting parameter, including at least one of a gain, an offset and an integration time, as a function of at least one measured value, the measured value being a measure of a lighting of at least one part of an image of the at least one further image sensor.

20. (New) A processing unit for generating at least one adjustment signal for at least one parameter of at least one image sensor of an image sensor system, the processing unit comprising:

an arrangement for receiving at least two different images which represent essentially the same scene; and

an arrangement for monitoring an occurrence of at least one error of at least one error type in at least one image sensor of the image sensor system and, in the event of an occurrence of at least one error in the at least one image sensor of the image sensor system, for generating at least one adjustment signal for at least one parameter of the at least one image sensor as a function of at least one measured value of at least one further image sensor of the image sensor system.

21. (New) The processing unit according to claim 20, wherein the image sensor system is in a motor vehicle.

22. (New) The processing unit according to claim 20, wherein the at least one parameter includes at least one lighting parameter, including at least one of a gain, an offset and an integration time.

23. (New) The processing unit according to claim 20, wherein the adjustment signal is generated as a function of at least one measured value, the measured value being a measure of a lighting of at least one part of an image of the at least one further image sensor.

24. (New) The processing unit according to claim 20, wherein the at least one error type includes at least one of (a) at least one image error and (b) at least one hardware error.

25. (New) A computer program contained in a computer-readable medium which when executed by a processor performs a method for adjusting at least one parameter of at least one image sensor of an image sensor system, the image sensor system including at least two image sensors which record essentially the same scene, the method including:

when at least one error of at least one error type occurs in at least one of the image sensors, adjusting at least one parameter of the at least one image sensor as a function of at least one measured value of at least one further of the image sensors of the image sensor system.

26. (New) The computer program according to claim 25, wherein the image sensor system is in a motor vehicle.